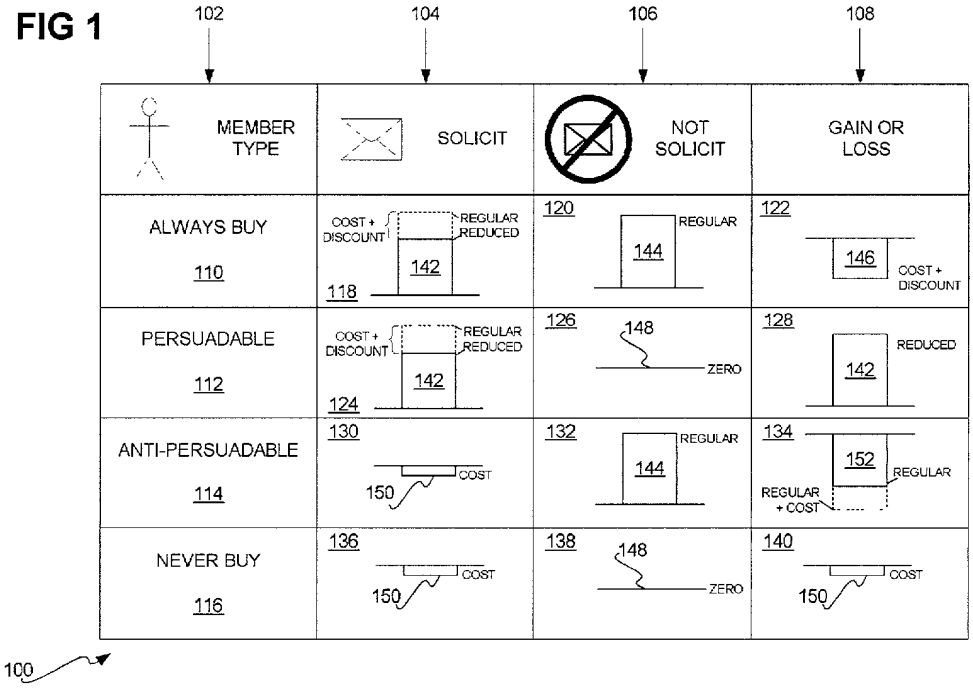
FIG 1



Docket # 10020-0002

FIG 2

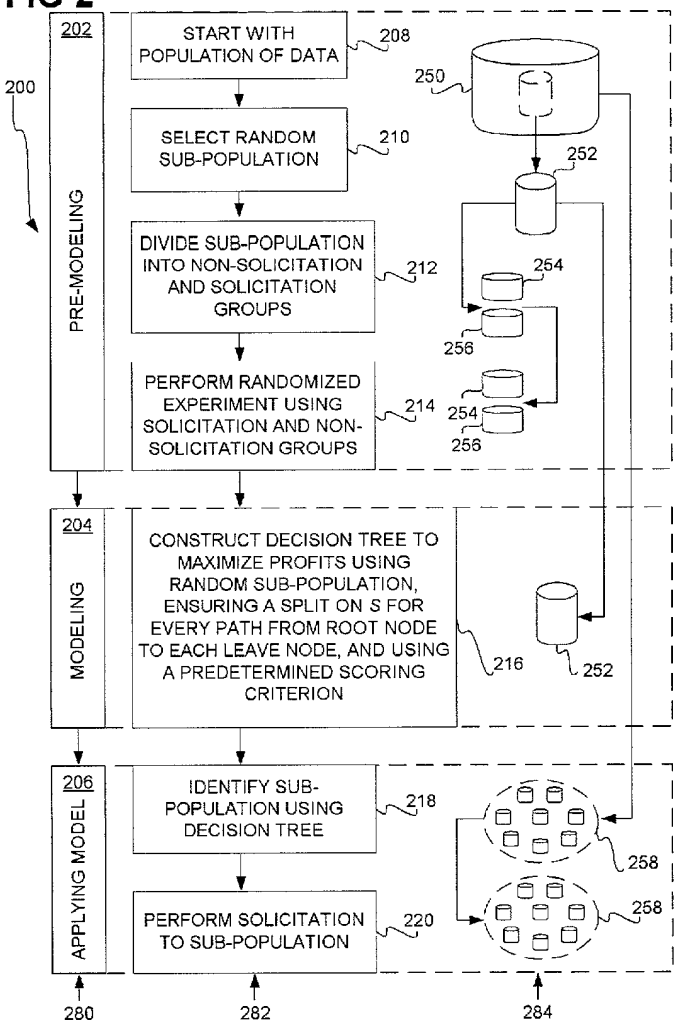
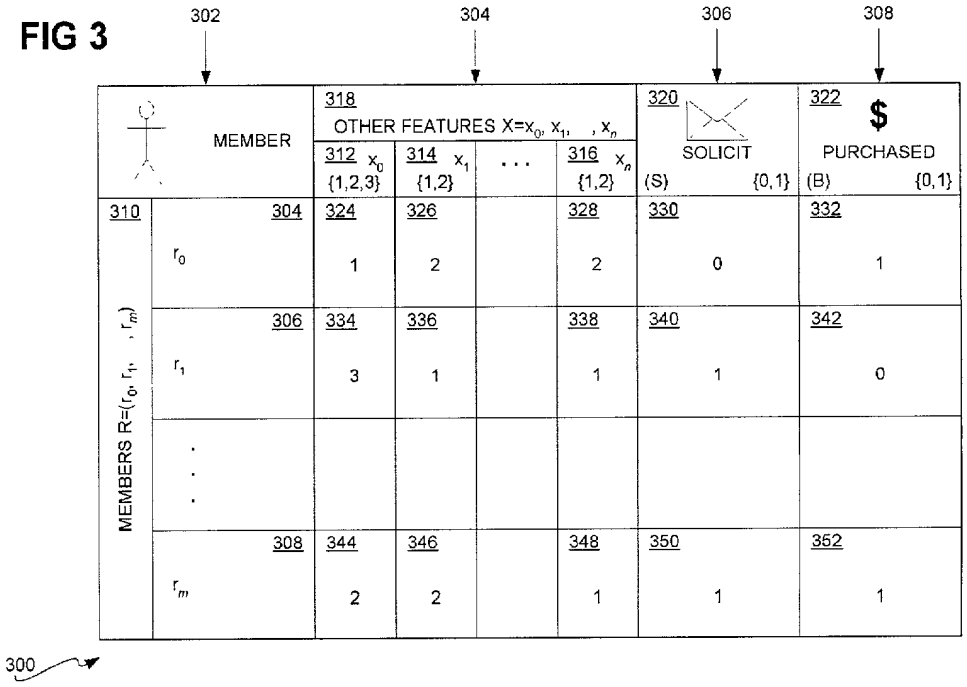
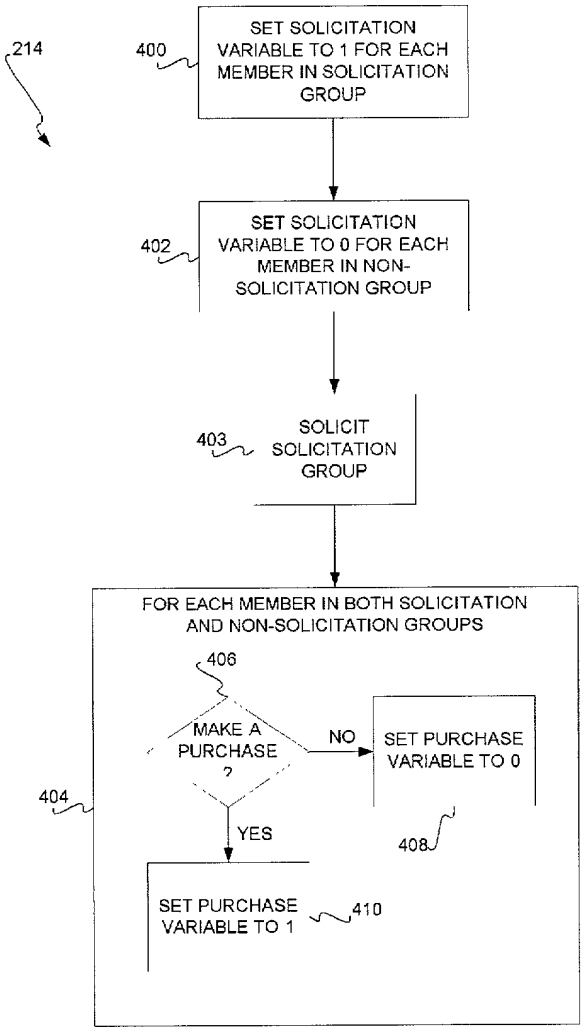

200
202
PRE-MODELING
START WITH POPULATION OF DATA
208
250
SELECT RANDOM SUB-POPULATION
210
252
DIVIDE SUB-POPULATION INTO NON-SOLICITATION AND SOLICITATION GROUPS
212
254
256
PERFORM RANDOMIZED EXPERIMENT USING SOLICITATION AND NON-SOLICITATION GROUPS
214
254
256
204
MODELING
CONSTRUCT DECISION TREE TO MAXIMIZE PROFITS USING RANDOM SUB-POPULATION, ENSURING A SPLIT ON S FOR EVERY PATH FROM ROOT NODE TO EACH LEAVE NODE, AND USING A PREDETERMINED SCORING CRITERION
216
252
206
APPLYING MODEL
IDENTIFY SUB-POPULATION USING DECISION TREE
218
258
PERFORM SOLICITATION TO SUB-POPULATION
220
258
280
282
284

FIG 3



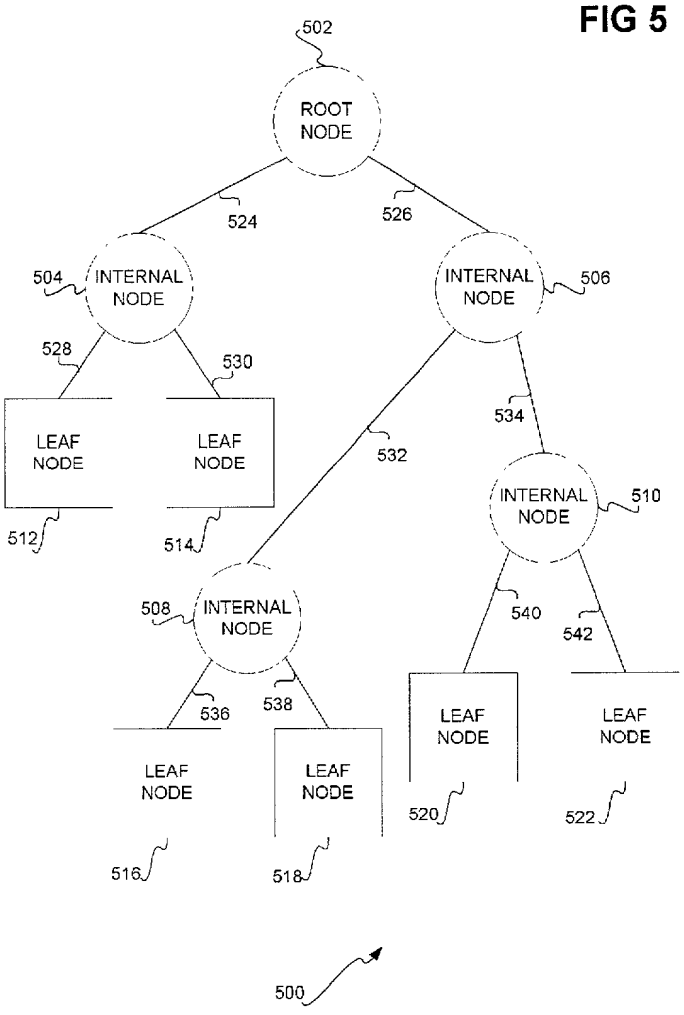
Google Exhibit 1005 - Page 35 of 44

FIG 4



Petitioner - Ex. 1002

FIG 5



Electronic Patent Application Fee Transmittal

FIG 6

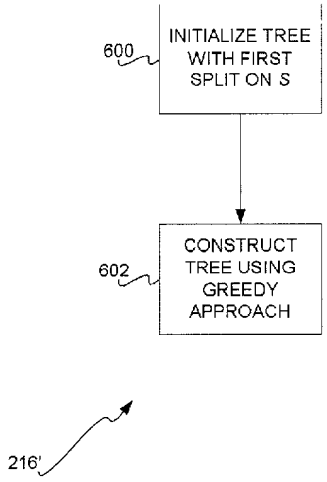
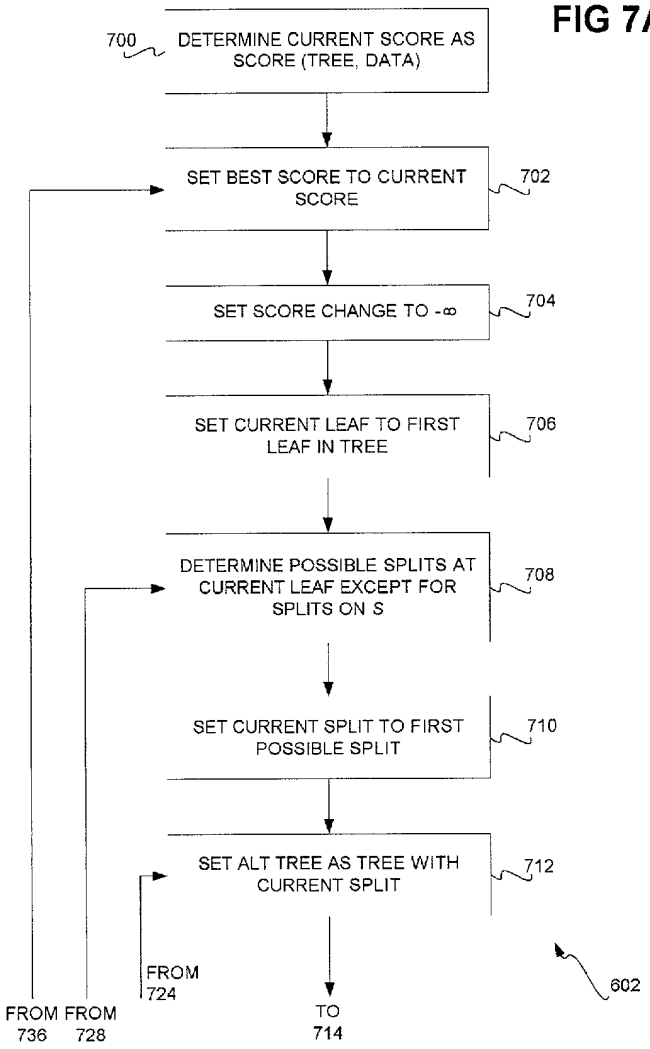

600
INITIALIZE TREE WITH FIRST SPLIT ON S
602
CONSTRUCT TREE USING GREEDY APPROACH
216'

FIG 7A



Petitioner's Exhibit 1002 - Page 39 of 44

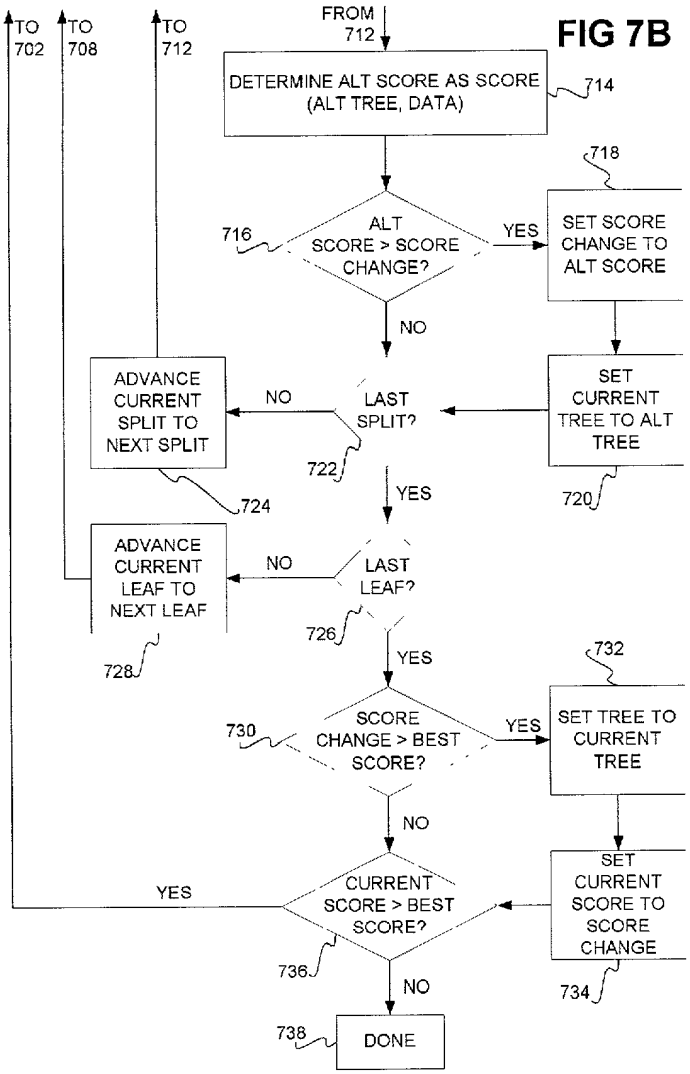
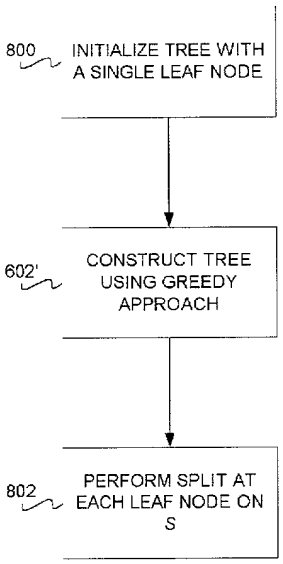


FIG 7B

Page 40 of 44

FIG 8


800
INITIALIZE TREE WITH A SINGLE LEAF NODE
602'
CONSTRUCT TREE USING GREEDY APPROACH
802
PERFORM SPLIT AT EACH LEAF NODE ON S

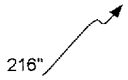
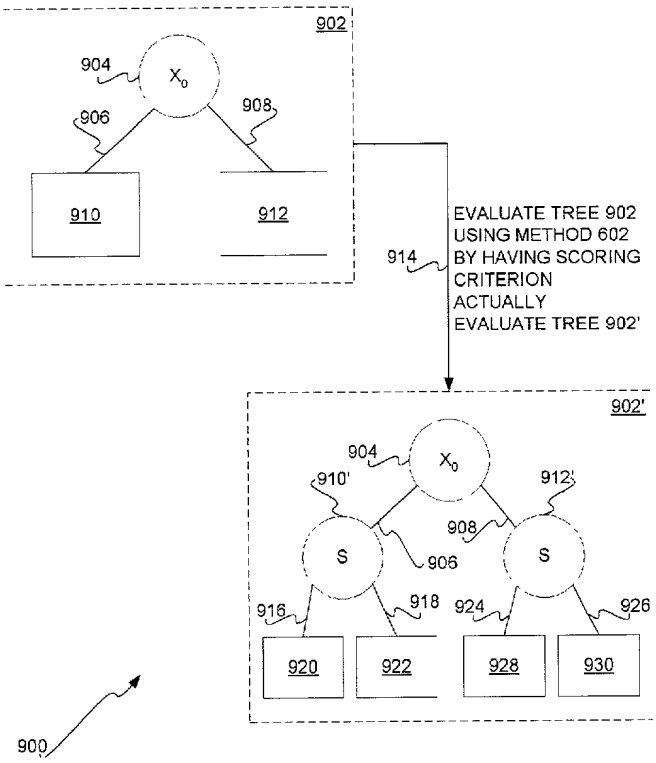

216"

FIG 9



Electronic Patent Application Fee Transmittal

FIG 10

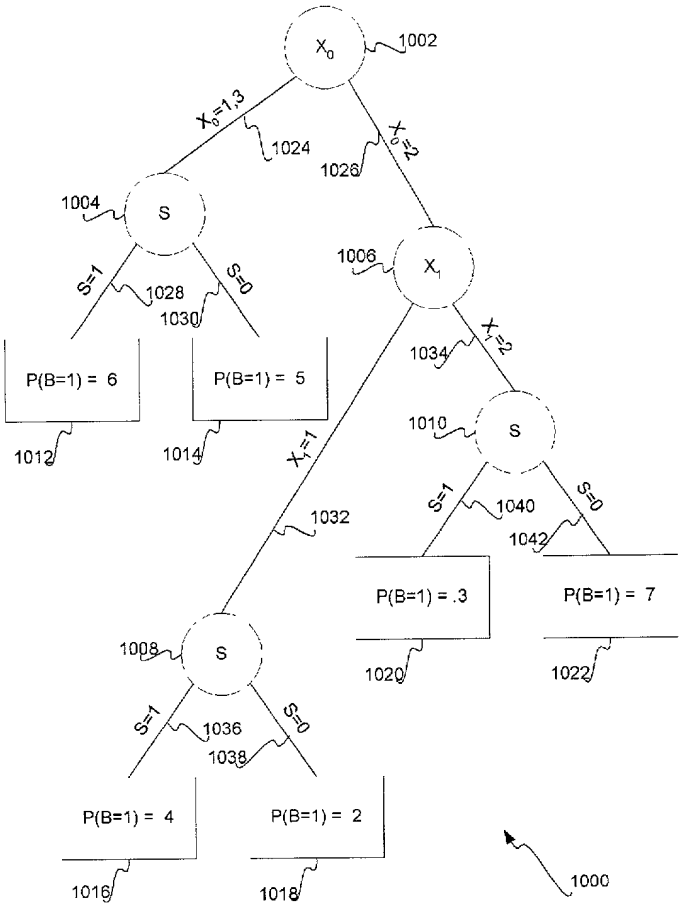
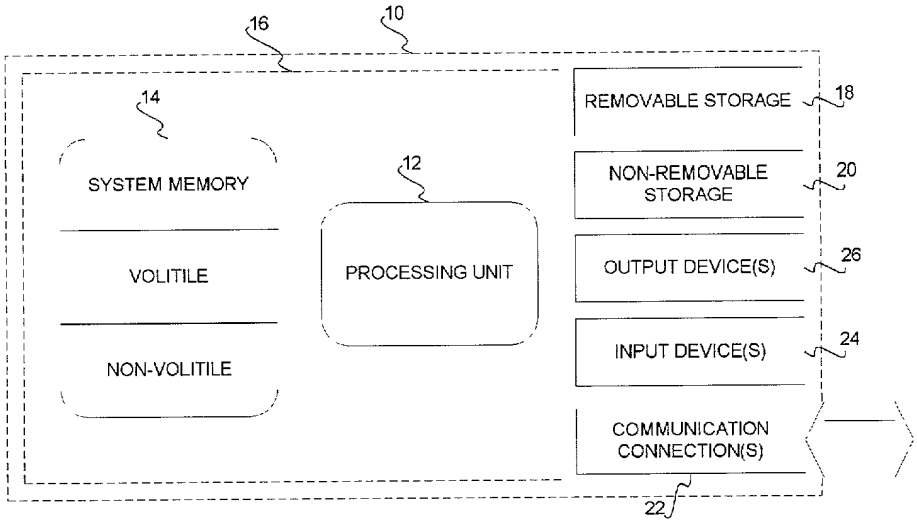

X_0
1002
X_0=1,3
1024
X_0=2
1026
1004
S
S=1
1028
S=0
1030
1006
X_1
X_1=2
1034
P(B=1) = 6
P(B=1) = 5
1012
1014
X_1=1
1010
S
S=1
1040
S=0
1042
1032
P(B=1) = .3
P(B=1) = 7
1020
1022
1008
S
S=1
1036
S=0
1038
P(B=1) = 4
P(B=1) = 2
1016
1018
1000

FIG 11



Document ID: 20050198661